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## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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Unity of invention is lacking (See Box No. III).							
Certain claims were found unsearchable (See Box No. 11).							
Authority (Rule 23.1(b)).							
it was filed, unless otherwise indicated under this item.  The international search was carried out on the basis of a translation of the international application furnished to this							
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It is also accompanied by a copy of each prior art document cited in this report.							
This international search report consists of a total of 4 sheets.							
transmitted to the applicant according to	Dared by this International Searching Authority and Enternational Bureau.	This international search report has been prep Article 18. A copy is being transmitted to the					
NANYANG TECHNOLOGICAL UNIVERSITY et al							
	le to VIIVERSITY at al	Applicant Applicant TECHNIOI OGIC					
17 February 2004	17 February 2005	PCT/SG2005/000043					
(Earliest) Priority Date (day/month/year)	International filing date (day/month/year)	International application No.					
s, where applicable, item 5 below	VCLION 92 Mell 5	2020025081					
see Form PCT/ISA/220	<b>РОК FURTHER</b>	Applicant's or agent's file reference					

A colour sensor semiconductor device includes a conducting channel (130) formed beneath a substrate surface with a

Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)

wavelengths. (114) and the bottom gate (116) for receiving the electrical currents induced by the presence of the absorbed a third colour. Electrical contacts (118,120,122,124) are disposed on the source (112), the top gate (106), the drain (126, 128) is photo-conductive to a second colour. The third region below the second pn-junction (128) is sensitive to above the first pn-junction (126) is specific to a first colour. The channel region (130) between the two pn-junctions penetration depths of light of different wavelengths. The first region (106) which has the light absorbing surface (104) defining first and third photo-electric depletion regions at respective depths relative to the surface corresponding to the pre-determined photo-conductivity spectral response. The channel is formed between two pn-junctions (126,128)

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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